30 March 2005

FINAL

STATEMENT OF WORK

FOR

Scout Sniper Day Scope (SSDS)

Prepared By

OPTICS AND NON-LETHAL SYSTEMS
MARINE CORPS SYSTEMS COMMAND
QUANTICO, VIRGINIA

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DRAFT STATEMENT OF WORK
for
Scout Sniper Day Scope (SSDS)
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1 SCOPE. This SOW sets forth the work efforts required to produce and prepare associated documentation, provide logistic support, provide technical support, provide field service support, develop technical manuals and deliver the SSDS. Additionally, the contractor shall provide the necessary services/support to enable the Government to perform the integration effort of the SSDS with the M40 and SASR.

This SOW includes the associated Program Management, Configuration Management, Testing and Verification, Integrated Logistics Support, Maintenance Planning, Supply Support, Technical Publications, Support Equipment, and Contractor Performance Measurement.

The contractor is responsible for providing all/specific material, services and necessary support documentation needed to complete the tasks identified in this SOW.

2 APPLICABLE DOCUMENTS. The following documents specified form a part of this Statement of Work (SOW) to the extent specified herein. The most recent revision of the referenced document at the time of contract shall be used unless otherwise specified. In the event of conflict between the applicable documents and this SOW, the SOW shall take precedence. All second tier and below references cited in mandatory compliance documents shall be considered as guidance only. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1 Military Standards and Specifications - Mandatory Compliance.

A separate waiver request must be prepared for each Military Specification or Standard listed in this section, which does not have a Department wide waiver in effect.

The listed standards are invoked in this SOW, and have DON waivers or have been identified as a standard practice/interface standard/performance specification.

MIL-PRF-49506	Logistics Management Information
MIL-STD-129	Military Marking for Shipment and Storage
MIL-STD-461	Requirements for the Control of Electromagnetic Interference Characteristics of subsystems and equipment
MIL-STD-882	Standard Practice for System Safety
MIL-STD-2073-1	DoD Standard Practice for Military Packaging

MIL-M-85337	Technical Manual Quality Assurance Program

2.2 Military Standards and Specifications - Guidance Only.

MIL-STD-1686	Electrostatic Discharge Control Program for Protection of Electrical and Electronics Parts, Assemblies and Equipment

2.3 Federal Standard - Mandatory.

Not Applicable.

2.4 Drawings.

Not Applicable.

2.5 Handbooks - Guidance Only.

MIL-HDBK-61	Configuration Management Guidance
MIL-HDBK-502	Acquisition Logistics
MIL-HDBK-512	Parts Management
MIL-HDBK-781	Reliability Test Methods, Plans, and Environments for Engineering Development, Qualification, and Production
MIL-HDBK-1221	Evaluation of Commercial Off the Shelf Manuals

2.6 Other Government Documents. Unless otherwise stated, the following documents may be obtained from the Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 or visit http://dodssp.daps.mil.

FED-STD-313	Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities

2.7 Non-Government Documents.

ANSI X3.27	File Structure and Labeling of Magnetic Tapes for Information Interchange

(Copies of ANSI X3.27 are available from www.ansi.org or American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036.)

ASME Y14.34	Associated Lists

ASME Y14.100	Engineering Drawing Practices

(Copies of ASME documents are available from www.asme.org or American Society of Mechanical Engineers Information Central Orders/Inquiries, P.O. Box 2300, Fairfield, NJ 07007-2300.)

ASTM D3951	Standard Practice for Commercial Packaging
ASTM D4169-01e1	Standard Practice for Performance Testing of Shipping Containers and Systems

(Copies of ASTM documents are available from www.astm.org or American Society for Testing and Materials International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.)

EIA-625	Requirements for Handling Electrostatic Discharge-Sensitive (ESDS) Device
EIA-649	National Consensus Standard for Configuration Management

(Copies of EIA documents are available from www.eia.org or Electronic Industries Alliance Corporate Engineering Department, 2500 Wilson Boulevard, Arlington, VA, 22201.)

NAS 411	Hazardous Materials Management Program

(Copies of NAS 411 are available from www.aia-aerospace.org or Aerospace Industries Association of America, 1250 Eye Street, NW, Suite 1200, Washington, DC 20005-3924.)

2.8 Forms.

DD Form 1586	Contract Funds Status Report

3 REQUIREMENTS. The contractor shall perform all tasks required and delineated in this SOW to produce, manufacture, deliver and prepare associated documentation, provide logistic support, provide technical support, provide field service support, develop technical manuals and deliver the SSDS in the quantity specified in the contract. The contractor shall provide all materials, equipment, hard tooling, personnel, and facilities necessary to produce and deliver the types and quantities of deliverables specified by the contract.

3.1 Program and Data Management.

3.1.1 Program Management. The contractor shall establish and maintain program management practices throughout the period of performance. Program management practices shall provide visibility into the contractors' organization and techniques used in managing the program, specifically subcontractor and data management. Documentation shall be readily

available to Government representative(s) during planned visits. **(CDRL A001).**

DI-MGMT-80227, Contractor's Progress, Status and Management Report

3.1.2 Subcontractor Management. The contractor is responsible for performance of requirements delineated in this SOW, and shall institute appropriate management actions relative to subcontractor performance. Requirements that are contractually specified shall apply to subcontractor performance; however, the contractor shall be accountable for compliance subcontractors and is responsible for ensuring all deliverable products comply with the contract requirements.

3.1.3 Data Management. The contractor shall establish a single, centralized system for management of all data required under this contract. The contractor, in developing information that will be furnished to the Government, shall make the maximum use of existing data and provide maximum multiple use of technical information. Specific data management functions shall include schedule control for deliverables, maintenance of deliverables, approval of deliverable format, distribution and delivery of data products. The system shall include facilities for storage of all data developed or utilized for this contract, and shall provide equal access to data by the Government. The contractor shall ensure all data is centrally available for Government review to ensure continuity of the system fabrication and supporting documentation. The Government reserves the right to review all data associated with and developed for the SSDS.

3.1.3.1 Technical Proposal. The contractor's Technical Proposal, as negotiated and accepted by the Government, shall be incorporated by reference into the resultant contract. Information contained in the offeror's proposal regarding organization, staffing, manning levels, and experience or education qualifications of personnel that are to be utilized in performance of this contract shall also be incorporated into the resultant contract. Any changes in these arrangements are to be submitted to the contracting officer in advance for approval. In the event of any conflict or ambiguity between the contractor's technical proposal and the Government statement of work, the statement of work shall take precedence.

3.1.3.2 Schedule Planning. The contractor shall maintain an accurate schedule of program events and recommend program schedules, including review and evaluation techniques, which provide for the earliest delivery schedule while at the same time satisfying all requirements in a cost effective manner. The program schedule shall include all significant events, and a Program Planning Milestone Chart shall depict major tasks and events from start to completion of the contract. The contractor shall notify the Government in writing of any anticipated or projected work stoppages or delays that will impact schedules.

3.1.3.3 Assignment of Responsibility and Authority. The contractor shall identify the organizational elements responsible for the conduct of the activities delineated in this SOW. Responsibilities shall be assigned and clear lines of authority defined for determining and controlling the resources necessary to satisfy each element of this SOW. The following billets shall be considered key personnel. The contractor in writing shall appoint all persons filling these billets. Appointees shall possess sufficient authority to manage, direct, execute and control

their cognizant elements of the contract. The contractor shall notify the Government within ten days of any changes regarding authority, responsibility, or key personnel changes made by the contractor during the period of performance.

a. Program Manager. The PM shall serve as the primary point of contact between the contractor and the Government, and be responsible for the coordination of all contractor activities related to the contract. .

b. Configuration Management (CM) Manager.

c. Integrated Logistic Support (ILS) Manager. .

d. Training Manager.

3.2 Meetings, Formal Reviews, Conferences, and Audits.

3.2.1 Contractor Responsibilities. The contractor shall plan, host, attend, coordinate, support and conduct the meetings, formal reviews, conferences, and audits (hereinafter called "reviews"). The reviews shall be conducted at Government and contractor facilities. Reviews requiring demonstration and/or examination of equipment shall be conducted at the contractor's facility. All such reviews shall be included in the program schedule and may be held concurrently with the Government's approval. The contractor shall prepare agendas and conference presentation materials, and provide minutes and reports following each review. The Government reserves the right to cancel any review or to require any review to be scheduled at critical points during the period of performance. Action item documentation, assignment of responsibility for completion and due dates shall be determined prior to adjournment of all reviews. A summary of all action items, responsible parties, and estimated completion dates shall be included with the minutes. **(CDRL A002 and CDRL A003).**

DI-ADMN-81249A, Conference Agenda
DI-ADMN-81250A, Conference Minutes

3.2.2 Post Award Conference. The contractor shall host a Post Award Conference (PAC) at the contractor's facility within 15 days after Contract Award. The purpose of the PAC is for the contractor to review and demonstrate to the Government the management procedures, provide progress assessments, review of technical and other specialty area status, and to establish schedule dates for near term critical meetings/actions. The contractor shall present management, key personnel, and program implementation processes.

3.2.3 In-Process Review. In Process Reviews (IPR) will be held on a monthly basis or as needed basis, at a date and location mutually agreed upon. The Government reserves the right to cancel any review or to require any review to be scheduled during the period of performance. The contractor's progress, management, technical support services (if any), integrated logistics support, administrative, assurance of compliance with contract requirements, program status, funding, problem identification and resolutions shall be agenda items. Actual versus expected performance of each area shall be addressed. The contractor shall prepare presentation materials providing an overview of all agenda items.

3.3 System Engineering. The contractor shall establish and maintain an effective system

engineering program throughout the production processes, which shall include the following:

3.3.1 Procedures and Controls. The contractor shall maintain procedures and controls, which ensure products, obtained from suppliers, vendors and subcontractors meet reliability requirements.

a. Establish, implement, and maintain documented procedures, which detect and/or preclude the use of substandard or counterfeit parts in the production process, and impose similar requirements on subcontractors.

b. Provide the Government with reasonable notice of any special R&M program review meetings scheduled with subcontractors so Government representatives may attend at their discretion.

3.3.2 Failure Reporting, Analysis, and Corrective Action System. The contractor shall develop a closed loop failure reporting system, procedures for analysis of failures to determine cause, and documentation for recording corrective actions taken. The Failure Reporting, Analysis, and Corrective Action System (FRACAS) shall include uniform failure reporting, failure analysis reports and corrective actions**. (CDRL B001)**

DI-RELI-80255, Failure Summary and Analysis Report

3.3.3 Nuclear, Biological, and Chemical Contamination Survivability. The contractor shall demonstrate that the SSDS meets the Nuclear, Biological, and Chemical (NBC) contamination survivability requirements cited in the Performance Specification.

3.4 Quality Management/Quality Assurance System. The contractor's quality management/quality assurance system shall ensure product conformation to contractual requirements. The contractor shall have implemented, documented, and have previously demonstrated the ability to maintain the quality management system to be used on the contract. The contractor shall make available all quality management/quality assurance documentation for the Government to review upon request. The contractor shall provide a copy of the Quality Management/Quality Assurance plan/process with the proposal.

3.5 Environment, Safety, and Occupational Health.

3.5.1 System Safety. The contractor shall identify and evaluate safety and health hazards, define risk levels, and establish a program that manages the probability and severity of all hazards associated with development, use, and disposal of the system.

3.5.1.1 Safety Assessment. The contractor shall perform and document a Safety Assessment to identify all safety features of the hardware, software, and system design and to identify procedural, hardware and software related hazards that may be present in the SSDS including specific procedural controls and precautions that should be followed. In addition, the contractor shall make recommendations applicable to hazards at the interface of his system with the other system(s) as contractually required.

3.5.1.2 Safety Assessment Report. The contractor shall make Safety Assessment Reports (SAR) that documents the Safety Assessment and clearly identifies any residual risks of the SSDS. The SAR shall include a signed statement that all identified hazards have been eliminated or their associated risks controlled to acceptable levels and that the SSDS is ready to operate. **(CDRL B002).**

DI-SAFT-80102B, Safety Assessment Report (SAR)

3.5.2 Hazardous Materials Management Program. The contractor shall implement a Hazardous Materials Management Program (HMMP) in accordance with or similar to NAS 411. The contractor shall avoid the use of toxic chemicals, hazardous materials and ozone depleting substances in the design, operational support and disposal of the SSDS. Manufacturing processes that will have a detrimental impact upon the environment shall be avoided. More information on chemicals and hazardous materials to be avoided can be obtained from the Environmental Protection Agency (EPA). The contractor shall make available Material Safety Data Sheets (MSDS) to the Government for review.

3.6 Configuration Management Process. The contractor shall maintain a configuration management (CM) process for the control of all hardware and software configuration documentation, media and parts representing or comprising the SSDS. The principles contained in EIA-649 and MIL-HDBK-61 may be used for guidance. The contractor's CM process shall consist of configuration identification, configuration control, configuration status accounting, and configuration audits. Consideration for interfacing with other acquisition requirements such as design review, assurance, and other program related disciplines shall be addressed. The contractor shall notify the Government of any changes at the contractor's facility, which affect the contractor's established CM process. The contractor shall also notify the Government of any and all changes to the SSDS.

3.6.1 Configuration Status Accounting (CSA). The contractor shall establish and maintain a Configuration Status Accounting (CSA) database, representing the configuration of the SSDS. All baselines and changes shall be documented in the contractor’s CSA database. . Additionally, the CSA database shall provide a reliable source of configuration information to support SSDS activities, including program management, systems engineering, logistics support, and modifications/maintenance actions. The Government shall be notified of any and all changes to the SSDS.

3.6.2 Parts Management Program. The contractor is encouraged to establish and maintain a Parts Management Program that will ensure the use of parts that meet contractual requirements, reduce proliferation of parts through standardization and enhance equipment reliability and supportability, and proactively manage obsolescence. The contractor may utilize MIL-HDBK-512 as a guide for developing and maintaining the parts management program.

3.6.3 Baseline Management. The contractor shall be responsible for maintaining the currency and accuracy of the established baseline to ensure form, fit, function and interface of the SSDS. The contractor shall establish definitive processes, which identify how the baseline

will be managed/maintained. These processes shall be defined in the contractor's configuration management plan and made available for Government review.

3.6.3.1 Product Baseline. The product baseline is established by Government approved specifications, engineering drawings and associated documentation including approved parts lists, technical manuals, and inspection/test data. The contractor shall make changes to the product baseline only through the Engineering Change Proposal (ECP) process.

3.6.3.2 Functional Baseline. The SSDS Performance Specification or equivalent documentation establishes the functional baseline. Government approval shall be required prior to making changes to the functional baseline.

3.6.4 Configuration Control. The contractor shall implement configuration control methods and procedures, which maintain the integrity and traceability of an established baseline. Changes to established baselines shall only be made after Government approval of Engineering Change Proposals (ECP) and Request for Deviation (RFD). Sufficient supporting data to evaluate the proposed change, such as drawings, supplemental drawings, sketches, specifications, or manufacturer's data sheets, shall be submitted with ECP's and RFD's. Changes shall be identified to the affected assembly serial number, or if not part of an assembly, to the affected equipment serial number. The contractor's configuration control process shall be available for Government review.

3.6.4.1 Engineering Release System. The contractor shall maintain an engineering release system and shall use the system to issue configuration documentation to functional activities (e.g., manufacturing, logistics, quality control, engineering) and to authorize the use of configuration documentation associated with an approved configuration. The contractor shall maintain current and historical engineering release information for all configuration documentation for the SSDS. The contractor shall submit an Engineering Release Record (ERR) to release new or revised configuration documentation to the Government for approval. The contractor shall ensure all Government approved ERR information/documentation is reflected in the Configuration Status Accounting (CSA) database. **(CDRL B003).**

DI-CMAN-80463C, Engineering Release Record (ERR)

3.6.4.2 Engineering Change Proposals. Engineering Change Proposals (ECP) shall be submitted by the contractor, and shall be limited to those which are necessary or offer significant benefit to the Government. MIL-HDBK-61 provides guidance concerning the classification of ECPs. Class I ECPs shall be submitted when changes are required to: (a) Correct deficiencies; (b) Add or modify interface or interoperability requirements; (c) Make a significant and measurable effectiveness change in the operational capabilities or logistics supportability of the system; (d) Effect substantial life cycle costs/savings; and (e) Prevent slippage in an approved production schedule. Class II ECPs shall be submitted by the contractor to the Acquisition Contracting Officer (ACO) for approval for those engineering changes, which impacts none of the factors listed above. As a minimum, Class I ECPs shall contain the following information: (a) Date prepared; (b) Originator; (c) ECP Classification; (d) ECP Number; (e) Reason/need for change; (f) System designation (nomenclature, model, P/N); (g) Name of part (or lowest

assembly) affected to include part numbers; (h) Baselines affected (to include drawings, specifications, CAGE, revision level, etc.); (i) Title of change; (j) Description of change; (k) Effect on interfaces (Interchangeability and Interoperability); (l) Total costs/savings w/ breakout; (m) Retrofit information; (n) Ozone Depleting Substances; (o) Impact on any engineering disciplines (such as quality, environmental, safety, health, reliability, maintainability, etc.); (p) Justification for change; (q) Priority of change; (r) Impacts to any logistics support elements (such as software, manuals, spares, tools, etc.) being utilized by Government personnel in support of the product; and (s) Alternatives evaluated or considered. **(CDRL B004).**

DI-CMAN-80639C, Engineering Change Proposal (ECP)

3.6.4.3 Requests for Deviation. The contractor shall process Requests for Deviation (RFD) from current approved configuration documentation. Authorized deviations are a temporary departure from the requirements and do not constitute a change in an approved baseline. Submission of recurring deviations is discouraged and shall be minimized. Where it is determined that a change should be permanent, the contractor shall process an Engineering Change Proposal. MIL_HDBK-61 provides guidance concerning the classification of RFDs. As a minimum, the RFD shall contain the following information: (a) Date prepared; (b) Originator; (c) RFD Classification (critical, major, or minor); (d) Designation for deviation (model/type, CAGFE code, system designation, and deviation number); (e) Class of deviation; (f) Part Number affected; (g) Cost/Price data; (h) Effectivity; (i) Description of deviation; (j) Need for deviation; (k) Effect on delivery schedule; (l) Recommended corrective action; and (m) Alternatives evaluated. **(CDRL B005)**

DI-CMAN-80640C, Request for Deviation (RFD)

3.6.4.4 Notices of Revision. The contractor shall generate and submit Notices of Revision (NOR) concurrently with Engineering Change Proposals (ECPs) when technical documentation controlled by another contractor or Government agency requires changes following approval of an ECP. As a minimum, the NOR shall contain the following information: (a) Date; (b) CAGE code; (c) NOR number; (d) Document number; (e) Title of document; (f) Revision letter (current and new), related ECP number; (g) Configuration item (or system) to which ECP applies; and (h) Description of revision. **(CDRL B006).**

DI-CMAN-80642C, Notice of Revision (NOR)

3.6.4.5 Notification of Changes to Commercial Equipment/Software. The contractor shall submit notification to the Government when changes occur to commercial equipment or software, which is being procured or fabricated by the contractor off-the-shelf, and the Government does not control the developer's design**. (CDRL B007).**

DI-MISC-80508A, Technical Report - Study/Services (CN)

3.6.5 Engineering Drawings.

3.6.5.1 Commercial Drawings/Models. The contractor shall provide commercial

drawings/models to the Government for commercial item(s) approved for use in the design and not covered by Government or nationally recognized industry association specifications and standards. The contractor shall provide evidence that the part complies with the requirements of the applicable part documentation. Existing test data (such as supplier originated objective evidence of compliance or Government/Industry Data Exchange Program (GIDEP) reports) shall be used to the maximum extent practicable**. (CDRL B008).**

DI-SESS-81003C, Commercial Drawings/Models and Associated Lists

3.7 Integrated Logistic Support. The contractor shall plan and conduct an Integrated Logistics Support (ILS) program, which shall govern the management of the ILS effort. The ILS effort shall be conducted as an integral part of the process to define the range and depth of the required support, and address all applicable and related elements of logistics.

3.7.1 ILS Management Team/Integrated Product Team. A joint Government/contractor ILS Management Team/Integrated Product Team (ILSMT/IPT) shall be established to monitor the status of the ILS program implementation. The ILSMT/IPT shall provide a means for coordinating logistic matters, schedules and SOW performance, ensuring adequacy and timeliness of Government inputs and action, and assisting the Government ILS manager in discharging their responsibilities. Upon contract award, the joint ILSMT/IPT shall meet to review ILS program progress.

3.7.2 Interim Contractor Logistics Support. As an option to this contract, the contractor shall provide support and costs services for system unique items necessary to maintain the operational readiness of the SSDS throughout the first two years following delivery of the end item. Interim Contractor Logistics Support (ICLS) plan shall address the following:

a. Maintenance
   (1) Organizational Maintenance
   (2) Intermediate Maintenance
   (3) Depot Maintenance/Rebuild
b. Supply
c. Component Exchange
d. Calibration
e. Maintenance Float
f. Technical Assistance
g. Failure Analysis
h. Warranty Considerations

3.7.3 Warranty Performance System. The contractor shall establish and maintain a warranty performance system that identifies and documents all items to be warranted under this contract. Each item warranted shall be indexed and identified by serial number, model or part number, and date of acceptance by the Government. Warranties shall become effective based upon a negotiated agreement between the Government and the contractor. All pertinent data required for the Government to pursue warranty provisions, remedy, and relief for each item shall be maintained by the contractor for the duration of the warranty period. All warranty claims and

transactions shall be documented and made available for Government review during scheduled meetings and/or reviews.

3.7.3.1 Standard Commercial Warranty. The contractor shall provide a five-year storage warranty in addition to a standard commercial warranty covering workmanship, materials, design, and all essential performance characteristics that would effect the Performance Specification requirements of the SSDS. Unless negotiated by the contractor, and agreed to by the Government, the standard commercial warranty shall be for a period of 24 months commencing for a period negotiated by both the Government and the contractor. The contractor shall ensure that subcontractor and vendor warranties provide the same coverage and are passed through to the end item. .

3.8 Maintenance Planning. The contractor conduct maintenance planning to define optimal maintenance activities, which fully support the SSDS maintenance concept. The maintenance concept for the SSDS is defined below.

3.8.1 Organizational Maintenance. Organizational maintenance shall consist of simple tasks performed by the user and simple repairs performed by organizational maintenance technicians. No special purpose tools or test equipment shall be required at the organizational maintenance level. Organizational maintenance shall consist of the following:

a. Preventive maintenance includes visual inspection, cleaning lenses and sight body, performing operational checks using authorized tools.

b. Corrective maintenance includes replacement of collateral equipment.

3.8.2 Intermediate Maintenance. Intermediate maintenance shall consist of repair tasks performed by trained technicians. Repairs authorized are the continued fault isolation using standard tools and test equipment, identification and replacement of defective components, alignment (if required), calibration (if required), and the return of the equipment to full operation with minimal downtime.

3.8.3 Depot Maintenance. Depot maintenance shall consist of complete repair, major overhaul, or complete rebuild of the parts, assemblies, subassemblies, and end items, including the manufacture of parts, piece part repair, modification, and testing that is beyond the capability of the intermediate level of maintenance. The production contractor or Government shall perform depot level maintenance for those items unique to the SSDS.

3.9 Supply Support.

3.9.1 Conferences.

3.9.1.1 Provisioning Guidance Conference. The contractor shall host the Provisioning Guidance Conference (PGC) and furnish provisioning data as one product of the PGC at mutually agreed upon intervals prior to the provisioning conference(s). The Government will clarify any provisioning issues during the evolution of the data cleansing process.

3.9.1.2 Provisioning Conference. The contractor shall host a Provisioning Conference(s) at the contractor's facility. The contractor shall provide and disassemble production grade equipment, as deemed necessary by the Government, during this conference to validate and verify all provisioning documentation.

3.9.2 Provisioning Plan. The contractor shall establish, manage, and execute a Logistics Management Information (LMI) program in accordance with MIL-PRF-49506. MIL-HDBK-502 may be used for additional guidance. The LMI program shall be the basis for the integration of the logistics support element, and provide the interface between the engineering and integrated logistics effort used in the systems engineering effort. The objectives of the LMI program are to provide optimum material readiness, economical logistics support, and identify/evaluate resources required to develop and manage an effective support system. All design, modification/alteration, and engineering activity shall require LMI. Provisioning status, identification of problem area(s), and necessary resolutions to problems addressed shall be discussed at each ILSMT/IPT. **(CDRL D001).**

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (Provisioning Plan)

3.9.3 Provisioning and Other Preprocurement Screening Data.

a. The contractor shall identify provisioning and other preprocurement screening data to be submitted for Government screening. Provisioning and other preprocurement screening data are used to identify existing National Stock Numbers (NSNs) for an item, validate currency of an NSN, and aid in maximum use of known assets.

3.9.4 Provisioning Technical Documentation. The contractor shall develop/document Provisioning Technical Documentation to include, but not be limited to a Provisioning Parts List (PPL), Long Lead Time Items List (LLTIL), and any Design Change Notices (DCN). These lists shall contain the Data Products selection list. The Government at the Provisioning Guidance Conference (PGC) shall designate the format and medium of delivery. The frequency for submission of such lists shall also be designated at the PGC. **(CDRL D002).**

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (PTD)

3.9.4.1 Provisioning Parts List. The Provisioning Parts List (PPL) shall contain the end item, component or assembly and all support items which can be disassembled, reassembled, or replaced, and which, when combined, constitute the end item, component or assembly and shall include items such as parts and materials required for the operation and maintenance of the end SSDS. The PPL is a tool used to determine the range of support items required to maintain the end item for an initial period of service. This includes all repairable Contractor Off-The-Shelf (COTS) items unless excluded by the provisioning requirements. It does not include a breakdown of Government furnished equipment. The PPL shall include items such as parts, materials, and fittings required for the operation and maintenance of the end item/equipment. The PPL shall contain repair kits and repair parts sets required to maintain the end item**. (CDRL**

D003).

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (PPL)

3.9.4.2 Long Lead Time Items List. The contractor shall provide a Long Lead Time Items List (LLTIL) that shall contain those items which, because of their complexity of design, complicated manufacturing process or limited production capacity, may cause production or procurement cycles which would preclude timely and adequate delivery, if not ordered in advance of normal provisioning**. (CDRL D0004).**

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (LLTIL)

3.9.4.3 Design Change Notice. The contractor shall use a Design Change Notice (DCN) to identify changes to Provisioning Technical Documentation which add to, delete, supersede, or modify items previously listed which are approved for incorporation into the SSDS**. (CDRL D0005).**

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (DCN)

3.9.5 Engineering Data For Provisioning. Engineering Data For Provisioning (EDFP) is technical data used to describe parts/equipment and consists of data such as specifications, standards, drawings, photographs, sketches and descriptions, and necessary assembly and general arrangement drawings, schematic drawings, schematic diagrams, wiring and cable diagrams necessary to indicate the physical characteristics, location, and/or function of the item. At a minimum, EDFP must provide:

a. Technical information of items for maintenance support considerations
b. Item identification/descriptions necessary for;
    (1) Cataloging actions and assignment of a National Stock Number
    (2) Review for item entry control
    (3) Standardization to include standardization/interchangeability
    (4) Item management coding
    (5) Identification/procurement of initial spares
    (6) Preparation of allowance/issue lists

The contractor shall furnish EDFP in the following order of precedence:

a. Government or industry recognized specifications or standards
b. Engineering drawings
c. Commercial catalogs or catalog descriptions
d. Sketches or photographs with brief descriptions of dimensional, material, mechanical, electrical, or other descriptive characteristics.

EDFP shall be submitted in hard copy. EDFP shall be marked in such a manner as to identify the proprietary rights (limited or unlimited). EDFP shall also be marked with

the Provisioning Line Item Sequence Number (PLISN) in the upper right hand corner. EDFP shall NOT be provided when the item is:

a. Identified as a Government specification or standard which completely describes the item including its dimensional, mechanical, and electrical characteristics
b. Previously cataloged/assigned an active National Stock Number with type 1 item identification

(CDRL D006).

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (EDFP)

3.9.6 Request for Nomenclature. The contractor shall submit a Request for Nomenclature in accordance with MIL-STD-196 for the SSDS. This requirement is mandatory for use in type designation of communications and electronic materiel. **(CDRL D007).**

DI-CMAN-81254A, Request for Nomenclature

3.10 Technical Publications.

3.10.1 Commercial Manuals. The contractor shall provide Commercial Off-the-Shelf (COTS) manual(s) that will comprise the SSDS system to include supplemental data as necessary. The operator's and maintenance manuals delivered must be written in English. The manual(s) shall contain installation, operation, troubleshooting and maintenance instructions. The manual(s) shall include a complete repair parts list (including exploded views of all assemblies and subassemblies) and special tools lists. The government as a guide for review of submitted COTS manuals will use MIL-HDBK-1221 **((CDRL F001) (CDRL F002).**

DI-TMSS-80527A, Commercial Off-the-Shelf (COTS) Manual and Associated Supplemental Data
TMCR (TBD) Technical Manual Contract Requirement (PDF)
TMCR (TBD*)* Technical Manual Contract Requirement (SGML)).
TMCR (TBD), Technical Manual Contract Requirement (SM)

3.10.1.1 Submission of Manuals. The contractor shall forward two copies each of the manufacturer's commercial off-the-shelf operator manual and maintenance/repair manual for inspection with the contractors' response to the Governments Request for Proposal.

3.10.1.2 Copyright Release. The contractor shall identify copyrighted material, if any, and shall obtain the written approval of the copyright owner. The contractor shall furnish appropriate copyright release giving the Government permission to reproduce and use copyrighted information. When the contractor uses a manual, which covers a vendor's component(s) or a portion thereof, and the vendor's manual contains copyrighted material, the contractor shall be responsible for obtaining a copyright release from the vendor and providing the copyright release to the Government.

3.10.1.3 Start-of-Work Meeting. A start-of-work meeting shall be held within 30 days after contract award. Exact date, location, and administrative arrangements for this meeting shall be made between the contractor and the Government.

3.10.1.4 Supplementations. Following contract award, the Government will furnish to the contractor supplementation (if any) for incorporation into the commercial manuals.

3.10.1.5 Changes. The contractor shall provide changes to the hardcopy and softcopy as a result of changes to the baseline system. The Government requires notification of all changes and revisions to the manuals for the duration of this contract. Notice of new models/equipment, when they are available, is also required for Government information.

3.10.1.6 Quality Assurance/Quality Control. Quality Assurance/Quality Control is the responsibility of the contractor. The contractor shall ensure that the equipment publications are fully edited, reviewed, and validated to ensure compliance with specifications and are technically accurate and useable by the target audience.

3.10.1.7 Scheduling IPRs. Technical publication IPRs if required, shall be held at the contractor's or designated Government facility . The contractor shall submit an IPR schedule for review during initial Guidance Conference if applicable. IPRs will be held prior to Government acceptance. The contractor may request IPRs when assistance or clarification is desired. The Government may require and the contractor may request additional IPRs irrespective of the schedule.

3.10.1.8 Disposition of IPR Findings. Discrepancies and/or deficiencies found as the result of the IPR shall be corrected prior to the next IPR.

3.10.1.9 Verification. Verification shall be held for the operator's and maintenance manuals to verify operation/maintenance procedures, conformance to contract, and usability. Appropriate contractor personnel shall attend and assist at the Government's request. Upon completion of the verification effort, the contractor shall incorporate all verification changes and review comments.

3.10.1.10 Final Acceptance. Final acceptance will be made by the Government to certify that all comments resulting from the verification and supplementation (if any) have been incorporated into the applicable final operator and maintenance drafts.

3.10.1.11 Final Deliverables. Shall be delivered in accordance with the following:

a. Two sets of operator and maintenance manuals shall be provided to the Commander, MARCORSYSCOM, Infantry Weapons Systems (IWS), Optics and Non-Lethal Systems (ONS), ATTN: CWO3 Jeffrey Grasz, USMC, Quantico, Va. 22134-5010 30 days after final review of verified manuals.

b. Digitized data shall be provided concurrent with delivery of final approved manuals. The data shall be provided as an MS Word editable file and Adobe Acrobat. Provide the digital data to Commander, MARCORSYSCOM, Infantry Weapons Systems (IWS), Optics and Non-

Lethal Systems (ONS), ATTN: CWO3 Jeffrey Grasz, USMC, Quantico, Va. 22134-5010 **(CDRL F003) (CDRL F004).**

TMCR (TBD) Technical Manual Contract Requirement (IETM)
TMCR (TBD)Technical Manual Contract Requirements (CPMI)

3.11 Support Equipment. The contractor shall provide a listing of support equipment, which is defined as tools, and test equipment. Items currently in the Marine Corps inventory, to the maximum extent practical, shall satisfy the requirement for support equipment. Listings of support equipment resident in the Marine Corps inventory are available from the Government upon the contractor's written request. If the contractor has determined that support equipment is not required, then an explanation is required on how and for how long the system is going to be maintained.

3.11.1 General Purpose Support Equipment/Special Purpose Support Equipment The contractor shall provide a listing of General Purpose Support Equipment (GPSE), which is defined as tools and test equipment currently in the Marine Corps inventory. Listing of GPSE resident in the Marine Corps inventory are available from the Government upon the contractor's written request.. The contractor shall also provide a listing of Special Purpose Support Equipment (SPSE), which are defined as tools, and test equipment NOT currently in the Marine Corps inventory. Listing of tools and test equipment resident in the Marine Corps inventory are available from the Government upon the contractor's written request. If it has been determined that SPSE is required, the contractor shall develop a Support Equipment Recommendation Data (SERD) using MIL-PRF-49506 detailing the recommended test equipment and testing application. **(CDRL G001).**

DI-ILSS-80294A, Maintenance, Test and Support Equipment Requirements List (GPSE)
DI-ILSS-80294A, Maintenance, Test and Support Equipment Requirements List (SPSE)
DI-ALSS-81530, Logistics Management Information (LMI) Summaries (SPSE)

3.11.2 Calibration and Measurement Requirements Summary (OPTION). The contractor shall list calibration requirements of test equipment. The Calibration and Measurement Requirements Summary (CMRS) shall be developed only for SERDS, which have been identified by the Government. **(CDRL G002).**

DI-QCIC-80278A, Calibration and Measurement Requirements Summary (CMRS)

3.12 Contractor Performance Measurement.

3.12.1 Contract Funds Status Report, DD Form 1586. The Contractor shall provide the CFSR along with the Monthly Status Report (MSR, CDRL A001. The CFSR provides DoD components with information to update and forecast contract funding requirements; to plan and decide on funding changes; to develop funding requirements, and budget estimates in support of

approved programs; and to determine funds in excess of contract needs and available for deobligation. **(CDRL A001).**

DI-MGT-81468, Contract Funds Status Report (CFSR)